

A rectification circuit comprises a diode fullwave bridge rectifier, a freewheeling current path and a
blocking diode coupled between the rectifier and the

freewheeling current path to cause freewheeling current
of the bridge rectifier to at least partially flow
through the freewheeling current path instead of through
the diodes of the bridge rectifier. A result is reduced
"reverse recovery" power dissipation in the rectifier
diodes.